PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 032/04082	FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/IL2004/001168	26/12/2004	15/01/2004
Applicant		
LGOTEC SYSTEMS LTD.		•
This International Search Report has been according to Article 18. A copy is being to	en prepared by this International Searching Autransmitted to the International Bureau.	thority and is transmitted to the applicant
This International Search Report consists	s of a total of5 sheets.	
	y a copy of each prior art document cited in this	s report.
Basis of the report		
a. With regard to the language, the language in which it was filed; un	international search was carried out on the balless otherwise indicated under this item.	sis of the International application in the
The International this Authority (Ru	search was carried out on the basis of a transled 23.1(b)).	ation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence disclosed	in the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).	
Unity of invention is lac	king (see Box III).	
4. With regard to the title,		
X the text is approved as su	bmitted by the applicant.	•
the text has been establis	hed by this Authority to read as follows:	
		,
With regard to the abstract, X the text is approved as suf-		
		•
may, within one month from	ned, according to Rule 38.2(b), by this Authority in the date of mailing of this international search	as it appears in Box No. IV. The applicant h report, submit comments to this Authority.
With regard to the drawings,		
a. the figure of the drawings to be pu	iblished with the abstract is Figure No. $_$ 3A $-$	3B
as suggested by th	e applicant.	•
	Authority, because the applicant failed to sugg	
b. none of the figures is to be	Authority, because this figure better characteria	zes the invention.
b none of the figures is to be	published with the abstract.	

International Application No PCT/IL2004/001168

A. CLASS IPC 7	G06T17/50 G06T5/00		
According	to International Patent Classification (IPC) or to both national classification	ification and IPC	•
	SSEARCHED		
Minimum d IPC 7	documentation searched (classification system followed by classific G06T	ation symbols)	
Documenta	ation searched other than minimum documentation to the extent the	it such documents are included in the fields se	arched
Electronic o	data base consulted during the international search (name of data	base and, where practical, search terms used)	
EPO-In	nternal, WPI Data, PAJ, INSPEC, IBM-	-TDB	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
Α	SETHIAN J A: "Evolution, implementation of level set and marching methods for advancing for JOURNAL OF COMPUTATIONAL PHYSICS	fast fronts"	1-33
	PRESS USA, vol. 169, no. 2, 20 May 2001 (20 pages 503-555, XP002325672 ISSN: 0021-9991 the whole document		
X Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed in	annex.
° Special cat A° docume	tegories of cited documents : ent defining the general state of the art which is not	"T" later document published after the intensor priority date and not in conflict with the cited to understand the principle or the	national filing date he application but
"E" earlier d		"X" document of particular relevance; the cla cannot be considered novel or cannot to involve an inventive step when the doc	aimed invention be considered to
citation "O" docume other rr		"Y" document of particular relevance; the cla cannot be considered to involve an involve document is combined with one or mor ments, such combination being obvious	aimed invention entive step when the e other such docu-
later th	nt published prior to the international filing date but an the priority date claimed	in the art. "&" document member of the same patent fa	amily
Date of the a	actual completion of the International search	Date of mailing of the international search	ch report
<u> </u>	l April 2005	10/05/2005	
Name and m	nalling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer	٠.
	Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Herter, J	•

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<u></u>	lation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	. Relevant to claim No.		
A	- SETHIAN J A: "A fast marching levelset method for monotonically advancing fronts" NAT. ACAD. SCI. 93(4), 'Online! 1996, pages 1591-1595, XP002325671 Retrieved from the Internet: URL:http://math.berkeley.edu/{sethian/Papers/sethian.fastmarching.pdf.gz> 'retrieved on 2005-04-21! cited in the application the whole document	1-33		
A	US 2002/100009 A1 (XING ZHAOYUN ET AL) 25 July 2002 (2002-07-25) the whole document	1-33		
A	MELCHIOR P ET AL: "Consideration of obstacle danger level in path planning using A<*> and Fast-Marching optimisation: comparative study" SIGNAL PROCESSING, AMSTERDAM, NL, vol. 83, no. 11, November 2003 (2003-11), pages 2387-2396, XP004463300	1-33		
	ISSN: 0165-1684 cited in the application the whole document			
A	DESCHAMPS T ET AL: "Fast extraction of minimal paths in 3D images and applications to virtual endoscopy" MEDICAL IMAGE ANALYSIS, OXFORD UNIVERSITY PRESS, OXOFRD, GB, vol. 5, 2001, pages 281-299, XP002904305 ISSN: 1361-8415 cited in the application the whole document	1-33		
A	LIVINGSTONE D ET AL: "Fast marching and fast driving: combining off-line search and reactive A.I." 4TH INTERNATIONAL CONFERENCE ON INTELLIGENT GAMES AND SIMULATION (GAME-ON 2993), November 2003 (2003-11), XP002325673 UK cited in the application the whole document	1-33		
Α .	US 6 604 005 B1 (DORST LEENDERT ET AL) 5 August 2003 (2003-08-05) cited in the application the whole document -/	1-33		
	(Continuation of consed chaot) (Insurance Cons)			

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PCT/IL2004/001168

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C.(Continu Category *	Category Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No.					
37	, appropriato, or the leastages		TOTALL TO OIGINI INU.			
A.	US 6 324 478 B1 (POPOVICI ALEXANDER M ET AL) 27 November 2001 (2001-11-27) cited in the application the whole document		1-33			
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information on patent family members

International Application No
PCT/IL2004/001168

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